

Sequence Listing

<110> CHUGAI SEIYAKU KABUSHIKI KAISHA.

<120> Gene screening method using nuclear receptor

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<150> JP 09/212624

<151> 1997-7-22

<160> 4

<170> PatentIn Ver. 2.0

<210> 1

<211> 507

<212> RPT

<213> Mus musculus

<400> 1

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Ala Asp Pro Thr Leu Val Glu Gln Leu Leu Arg Gln Glu Ser His Cys
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 Pro Glu Arg Cys Ser Phe Ser Ser Trp Ala Glu His Arg Arg Arg His
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 Gln Arg Ala Cys Gly Leu Leu Thr Ala Asp Gly Glu Glu Trp Gln Arg
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 Gly Tyr Ala Gly Thr Leu Asp Asn Val Val Arg Asp Leu Val Arg Arg
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 170 175 180
 Asp Val Ala Gly Glu Phe Tyr Lys Phe Gly Leu Glu Ser Ile Gly Ala
 185 190 195 200
 Val Leu Leu Gly Ser Arg Leu Gly Cys Leu Glu Ala Glu Val Pro Pro
 205 210 215
 Asp Thr Glu Thr Phe Ile His Ala Val Gly Ser Val Phe Val Ser Thr
 220 225 230
 Leu Leu Thr Met Ala Met Pro Asn Trp Leu His His Leu Ile Pro Gly
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 Pro Trp Ala Arg Leu Cys Arg Asp Trp Asp Gln Met Phe Ala Phe Ala
 250 255 260
 Gln Arg His Val Glu Leu Arg Glu Gly Glu Ala Ala Met Arg Asn Gln
 265 270 275 280
 Gly Lys Pro Glu Glu Asp Met Pro Ser Gly His His Leu Thr His Phe
 285 290 295
 Leu Phe Arg Glu Lys Val Ser Val Gln Ser Ile Val Gly Asn Val Thr
 300 305 310
 Glu Leu Leu Ala Gly Val Asp Thr Val Ser Asn Thr Leu Ser Trp
 315 320 325
 Thr Leu Tyr Glu Leu Ser Arg His Pro Asp Val Gln Thr Ala Leu His
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 Ser Glu Ile Thr Ala Gly Thr Arg Gly Ser Cys Ala His Pro His Gly
 345 350 355 360
 Thr Ala Leu Ser Gln Leu Pro Leu Leu Lys Ala Val Ile Lys Glu Val
 365 370 375

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 395 400 405
 Leu Cys His Tyr Ala Thr Ser Arg Asp Pro Thr Gln Phe Pro Asp Pro
 410 415 420
 Asn Ser Phe Asn Pro Ala Arg Trp Leu Gly Glu Gly Pro Thr Pro His
 425 430 435 440
 Pro Phe Ala Ser Leu Pro Phe Gly Phe Gly Lys Arg Ser Cys Ile Gly
 445 450 455
 Arg Arg Leu Ala Glu Leu Glu Leu Gln Met Ala Leu Ser Gln Ile Leu
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 Thr His Phe Glu Val Leu Pro Glu Pro Gly Ala Leu Pro Ile Lys Pro
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 Val Val Cys Asp Leu Val Arg Arg Leu Arg Arg Gln Arg Gly Arg Gly
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 Thr Gly Pro Pro Ala Leu Val Arg Asp Val Ala Gly Glu Phe Tyr Lys
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 Phe Gly Leu Glu Gly Ile Ala Ala Val Leu Leu Gly Ser Arg Leu Gly
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 Cys Leu Glu Ala Gln Val Pro Pro Asp Thr Glu Thr Phe Ile Arg Ala
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 Val Gly Ser Val Phe Val Ser Thr Leu Leu Thr Met Ala Met Pro His
 225 230 235 240
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 Trp Asp Gln Met Phe Ala Phe Ala Gln Arg His Val Glu Arg Arg Glu
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 Ala Glu Ala Ala Met Arg Asn Gly Gly Gln Pro Glu Lys Asp Leu Glu
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 Ser Gly Ala His Leu Thr His Phe Leu Phe Arg Glu Glu Leu Pro Ala
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 Gln Ser Ile Leu Gly Asn Val Thr Glu Leu Leu Leu Ala Gly Val Asp
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 Thr Val Ser Asn Thr Leu Ser Trp Ala Leu Tyr Glu Leu Ser Arg His
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370 375 380
 Pro Gly Asn Ser Arg Val Pro Asp Lys Asp Ile His Val Gly Asp Tyr
 385 390 395 400
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 Trp Leu Gly Glu Gly Pro Thr Pro His Pro Phe Ala Ser Leu Pro Phe
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 Gly Phe Gly Lys Arg Ser Cys Met Gly Arg Arg Leu Ala Glu Leu Glu
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Ser Arg Val Phe His Arg Ile His Leu Pro Leu Gln Leu Asp Ala Ser

10

15

20

53

101

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Leu Gly Ser Arg Gly Ser Glu Ser Val Leu Arg Ser Leu Ser Asp Ile

149

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 Pro Gly Pro Ser Thr Leu Ser Phe Leu Ala Glu Leu Phe Cys Lys Gly
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 ggg ctg tcc agg ctg cat gaa ctg cag gtg cat ggc gct gcg cgg tac
 Gly Leu Ser Arg Leu His Glu Leu Gln Val His Gly Ala Ala Arg Tyr
 60 65 70 293
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 Gly Pro Ile Trp Ser Gly Ser Phe Gly Thr Leu Arg Thr Val Tyr Val
 75 80 85 341
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 Ala Asp Pro Thr Leu Val Glu Gln Leu Leu Arg Gln Glu Ser His Cys
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 cca gag cgc tgt agt ttc tca tca tgg gca gag cac cgt cgc cgc cac 389
 Pro Glu Arg Cys Ser Phe Ser Ser Trp Ala Glu His Arg Arg Arg His
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 Gln Arg Ala Cys Gly Leu Leu Thr Ala Asp Gly Glu Glu Trp Gln Arg
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 ctc cga agt ctt ctg gcc ccg ctc ctc cgg cca caa gca gcc gcg 485
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220 225 230

ctc ttg acc atg gcg atg ccc aac tgg ttg cac cac ctt ata cct gga 773
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ccc tgg gcc cgc ctc tgc cga gac tgg gat cag atg ttt gcc ttt gcc 821
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cag agg cac gtg gag ctg cga gaa ggt gaa gct gcg atg agg aac cag 869
 Gln Arg His Val Glu Leu Arg Glu Gly Glu Ala Ala Met Arg Asn Gln

265 270 275 280

gga aag cct gag gag gat atg ccg tct ggg cat cac tta acc cac ttc 917
 Gly Lys Pro Glu Glu Asp Met Pro Ser Gly His His Leu Thr His Phe

285 290 295

ctt ttt cgg gaa aag gtg tct gtc cag tcc ata gtg ggg aat gtg aca 965
 Leu Phe Arg Glu Lys Val Ser Val Gln Ser Ile Val Gly Asn Val Thr

300 305 310

gag cta cta ctg gct gga gtg gac acg gta tcc aat acg ctc tcc tgg 1013
 Glu Leu Leu Ala Gly Val Asp Thr Val Ser Asn Thr Leu Ser Trp

315 320 325

aca ctc tat gag ctt tcc cgg cac ccc gat gtc cag act gca ctc cac 1061
 Thr Leu Tyr Glu Leu Ser Arg His Pro Asp Val Gln Thr Ala Leu His

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tct gag atc aca gct ggg acc cgt ggc tcc tgt gcc cac ccc cat ggc 1109
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act gct ctg tcc cag ctg ccc ctg tta aag got gtg atc aaa gaa gtg 1157
 Thr Ala Leu Ser Gln Leu Pro Leu Leu Lys Ala Val Ile Lys Glu Val

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380 385 390

gac atc cgt gta gga aac tat gta att ccc caa gat acg cta gtc tcc 1253
 Asp Ile Arg Val Gly Asn Tyr Val Ile Pro Gln Asp Thr Leu Val Ser

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Asn Ser Phe Asn Pro Ala Arg Trp Leu Gly Glu Gly Pro Thr Pro His			
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Pro Phe Ala Ser Leu Pro Phe Gly Phe Gly Lys Arg Ser Cys Ile Gly			
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aga cgc ttg gca gag ctt gag cta caa atg gct ttg tcc cag atc ttg			1445
Arg Arg Leu Ala Glu Leu Glu Leu Gln Met Ala Leu Ser Gln Ile Leu			
460	465	470	
acc cat ttt gaa gtg cta cct gag cca ggt gct ctt cct atc aag ccc			1493
Thr His Phe Glu Val Leu Pro Glu Pro Gly Ala Leu Pro Ile Lys Pro			
475	480	485	
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490	495	500	
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Val Asp Arg			
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Trp Ala Pro Glu Leu Gly Ala Ser Leu Gly Tyr Arg Glu Tyr His Ser	
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gca cgc cgg agc ttg gca gac atc cca ggc ccc tct acg ccc agc ttt	144
Ala Arg Arg Ser Leu Ala Asp Ile Pro Gly Pro Ser Thr Pro Ser Phe	
35 40 45	
ctg gcc gaa ctt ttc tgc aag ggg ggg ctg tcg agg cta cac gag ctg	192
Leu Ala Glu Leu Phe Cys Lys Gly Gly Leu Ser Arg Leu His Glu Leu	
50 55 60	
cag gtg cag ggc gcc gcg cac ttc ggg ccg gtg tgg cta gcc agc ttt	240
Gln Val Gln Gly Ala Ala His Phe Gly Pro Val Trp Leu Ala Ser Phe	
65 70 75 80	
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Gly Thr Val Arg Thr Val Tyr Val Ala Ala Pro Ala Leu Val Glu Glu	
85 90 95	
ctg ctg cga cag gag gga ccc cgg ccc gag cgc tgc agc ttc tcg ccc	336
Leu Leu Arg Gln Glu Gly Pro Arg Pro Glu Arg Cys Ser Phe Ser Pro	
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tgg acg gag cac cgc cgc tgc cgc cag cgg gct tgc gga ctg ctc act	384
Trp Thr Glu His Arg Arg Cys Arg Gln Arg Ala Cys Gly Leu Leu Thr	
115 120 125	
gcg gaa ggc gaa gaa tgg caa agg ctc cgc agt ctc ctg gcc ccg ctc	432
Ala Glu Gly Glu Glu Trp Gln Arg Leu Arg Ser Leu Leu Ala Pro Leu	
130 135 140	
ctc ctc cgg cct caa gcg gcc gcc cgc tac gcc gga acc ctg aac aac	480

Leu Leu Arg Pro Gln Ala Ala Ala Arg Tyr Ala Gly Thr Leu Asn Asn
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Pro Glu Val Gln Thr Ala Leu His Ser Glu Ile Thr Ala Ala Leu Ser
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 Gly Phe Gly Lys Arg Ser Cys Met Gly Arg Arg Leu Ala Glu Leu Glu
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